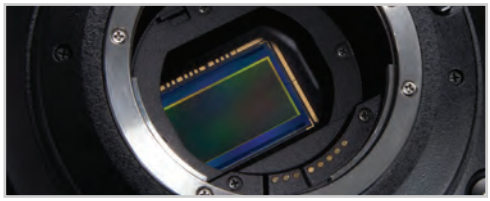
EOS C100 DIGITAL VIDEO CAMERA

Mass-Market Appeal

Attractively priced, yet endowed with a rich Cinema EOS feature-set and optimized for one-person operation, the EOS C100 is a full 1920 x 1080 digital video camera that's compatible with Canon's entire range of EF Cinema and EF-lenses. Equipped with the same Super 35mm Canon 8.3 Megapixel CMOS image sensor and revolutionary Canon **DiGiC DV III** processor as the EOS C300 and EOS C500 series cameras, the C100 is a more compact professional camera that's highly mobile and ideal for those seeking operational convenience and exceptional HD imagery. Recording AVCHD format video to dual SD cards, the C100 is compatible with a wide range of workflows and can acquire content to suit a broad range of post production/color-grading preferences, including Canon Log Gamma and a new Canon Wide DR Gamma. Autofocus recording with supported AF lenses, a multi-angle control/LCD panel, a removable handle and rotating grip, and many other innovations provide compelling mass-market appeal.

Key Features

- Canon Super 35mm CMOS Sensor
- AVCHD Codec
- Push Auto Iris/One-Shot AF
- Three Built-In ND Filters
- Canon Log Gamma
- Canon Wide Dynamic Range (DR) Gamma
- Fully compatible with all Canon EF, EF-S and EF Cinema Lenses
- Dual SD Card Slots
- 29 Custom Picture Settings
- Waveform Monitor/Edge Monitor Focus Assist



Super 35mm Canon 8.3 Megapixel CMOS sensor and EF lens mount within sturdy magnesium camera body.

- HDMI Output With Time Code
- Built-In Microphone
- Twin XLR Connectors in Handle
- Compatibility with Third-Party Accessories

Recommended For:

- Cinematic Film Production
- Independent Film Production
- Documentary Film Production
- Episodic Television
- Commercial Productions
- Film Schools
- Wedding/Event Videography
- Corporate Videography

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PRODUCT NAME: EOS C100 ITEM CODE: 6340B002 UPC CODE: 013803147926

SPECIFICATIONS

IMAGE SENSOR	EFFECTIVE PIXELS	3840 x 2160 pixels; Approx. 8.29 megapixels
	TOTAL PIXELS	4206 x 2340 pixels; Approx. 9.86 megapixels
	SENSOR TYPE	CMOS
	SENSOR SIZE	Super 35; 24.6 x 13.8 mm (28.2 mm diagonal); 6.4 µm cell pitch
	SCANNING SYSTEM	Progressive
	NUMBER OF SENSORS	1
	FILTER	RGB Primary Color Filter (Bayer Array)
	IMAGING PROCESSOR	DiG!C DV III
LENS SYSTEM	INTERCHANGEABLE LENS SYSTEM	EF-mount for compatibility with EF, EF-S and EF Cinema lens systems
	ND FILTER	Mechanical ND filter system with option of clear, 2, 4, and 6 stops)
	IRIS	Manual setting in 1/2-step increments, 1/3-step increments or fine Push auto iris control
	PERIPHERAL ILLUMINATION CORRECTION	Available
EXPOSURE AND METERING	EXPOSURE MODES	Manual; Push Auto Iris Control (metering system selection/AE shift possible)
	METERING MODES	Available (Standard Center Weighted, Spotlight, Backlight)
	GAIN	Normal Setting -6 dB to 30 dB / Fine Setting 0 dB to 24 dB in 0.5 dB increments
	ISO	320 to 20,000 in 1/3 stop increments
	EXPOSURE COMPENSATION / AE SHIFT	Available
	SHUTTER MODES	3 Modes: OFF; Speed; Angle; Slow Shutter; Clear Scan Speed setting can be set in ½ or 1/3 stop increments
	SHUTTER SPEED RANGE	59.94i/: 1/60 to 1/2000 in 1/4 or 1/3 stops; SLS: 1/4, 1/8, 1/15, 1/30; CS: 59.94 Hz – 250.27 Hz PF30: 1/30 to 1/2000 in 1/4 or 1/3 stops; SLS: 1/4, 1/8; CS: 29.97 Hz – 250.27 Hz 23.98p/PF24: 1/24 to 1/2000 in 1/4or 1/3 stops; SLS: 1/3, 1/6, 1/12; CS: 23.97 Hz – 250.27 Hz 50i: 1/50 to 1/2000 in 1/4 or 1/3 stops; SLS: 1/3, 1/6, 1/12 1/25; CS: 50.00 Hz – 250.78 Hz PF25: 1/25 to 1/2000 in 1/4 or 1/3 stops; SLS: 1/3, 1/6, 1/12; CS: 25.00 Hz – 250.78 Hz
	SHUTTER ANGLE SETTINGS	59.94i: 360, 240, 216, 180, 120, 90, 60, 45, 30, 22.5, 15, 11.25 PF30: 360, 240, 216, 180, 120, 90, 60, 45, 30, 22.5, 15, 11.25 23.98p/PF24: 360, 345.6, 288, 240, 180, 172.8, 144, 120, 90, 86.4, 72, 60, 45, 30, 22.5, 15, 11.25 50i: 360, 300, 240, 180, 150, 120, 90, 60, 45, 30, 22.50, 15, 11.25 PF25: 360, 300, 240, 180, 150, 120, 90, 60, 45, 30, 22.50, 15, 11.25
	IRIS (APERTURE) RANGE	Lens Dependent
FOCUS	FOCUS SETTINGS	Manual; One-Shot AF
	AUTOFOCUS SYSTEM	Available; AF is dependent on interchangeable lenses / TTL-Video Signal Sensing System
	AF METERING AREA	Fixed at center of screen (4% of the screen)
	AF MODES	One-Shot AF
RECORDING / CODEC	SIGNAL SYSTEM	NTSC and PAL
	COMPRESSION	MPEG-4 AVC/H.264
	COLOR SPACE	4:2:0 internal recording
	MAXIMUM BIT RATE	24Mbps
	CANON LOG	Available
	CANON WIDE DR (DYNAMIC RANGE)	Available; Provides the same DR Range as Canon Log Gamma while maintaining a standard video curve

RECORDING OPTIONS	Mode	Resolution	Frame Rate
	24 Mbps LPCM	1920 x 1080	60i/PF30/PF24/24p/50i/25p
	24 Mbps	1920 x 1080	60i/PF30/PF24/24p/50i/25p
	17 Mbps	1920 x 1080	60i/PF30/PF24/24p/50i/25p
	7 Mbps	1440 x 1080	60i/PF30/PF24/24p/50i/25p

AUDIO	RECORDING FORMAT	24 Mbps Mode: Linear PCM; 2-Channel; 16-Bit; 48 kHz All Other Modes: Dolby Digital AC3
	BUILT-IN MICROPHONE	Stereo Microphone built in to Handle Unit
	EXTERNAL AUDIO INPUTS	2 – XLR inputs (Auto and Manual level settings) External microphone terminal: (3.5 mm diameter)
	XLR MIC TRIMMING	Available; -12dB, -6 dB, 0dB, +6dB or +12 dB
	LIMITER	Available
	BUILT-IN SPEAKER	Yes; 16 level settings
POWER	POWER TERMINAL	Battery Pack: 7.4V / DC in: 8.4V
	BATTERY	BP-9 Series
OTHER	TEMPERATURE AND HUMIDITY	Performance requirements: 0ºC to 40ºC, 85% (relative humidity) Operating requirements: -5ºC to 45ºC, 60% (relative humidity)
	LANGUAGE SUPPORT	English, Japanese, Simplified Chinese, German, Spanish, French, Italian, Polish, Russian, Korean
	BODY DIMENSIONS (W x H x D)	Approx. 5.3 x 6.7 x 5.1 in (135 x 170 x 129 mm) (with thumb rest)
	WEIGHT (BODY ONLY)	Approx. 2.25 lb (1020g)

KEY FEATURES

ONE-SHOT AF

This function helps you to obtain precise focusing. Before recording starts, the camcorder focuses on a subject at the center of the screen when the ONE-SHOT AF button is pressed. The focusing status can be confirmed by the color of the frame.
When a subject is focused: Green;
When a subject is not focused: Red

PUSH AUTO IRIS

This function provides assistance in determining the exposure. It automatically adjusts the aperture in accordance with the brightness during recording. PUSH AUTO IRIS function is activated only while PUSH AUTO IRIS button is being pressed for manual aperture adjustment.

WIDE DYNAMIC RANGE (DR) GAMMA

The main feature of Wide DR Gamma is that it retains continuity of an image, unlike the knee function that compresses the signals in high brightness areas using linear gamma. Wide DR Gamma does not require post-production processing. Recorded data can be used as is. Since Wide DR Gamma has a dynamic range of 800%, it also enables creative color grading opportunities.

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